

2013



Anne Arundel County Annual HIV Epidemiological Profile

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Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Epidemiology and Outbreak Response Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
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Table of Contents

Acknowledgements.....	2
Table of Contents	3
Section I – Background Information.....	5
HIV/AIDS Reporting Requirements	5
For Assistance with HIV/AIDS Reporting.....	5
Limitations in the HIV/AIDS Data.....	5
Stages of a Case of HIV/AIDS.....	6
Changes in Case Terminology	6
Laboratory Data.....	6
Sources of Data.....	7
Tabulation of Column Totals.....	7
Data Suppression.....	7
HIV Exposure Categories.....	7
Section II – Trends 1985-2013	8
Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014.....	8
Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014	9
Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014	10
Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014.....	11
Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014	12
Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014	13
Section III – Adult/Adolescent Cases by ZIP Code	14
Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by ZIP Code, Reported through 12/31/2014.....	14
Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by ZIP Code, Reported through 12/31/2014	16
Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014	17
Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014	18
Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014	19
Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014	20
Section IV – Cases by Age	21
Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014.....	21
Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014	21
Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014	22
Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014	23
Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014	23
Section V – Adult/Adolescent Cases by Demographics	24
Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014.....	24
Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014.....	26
Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014.....	27
Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014	28
Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014.....	29
Section VI – HIV Cases by Expanded Demographics.....	30
Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014	30
Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014	31
Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014	32
Section VII – HIV Exposure Category	33
Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014.....	33

Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014	35
Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014	36
Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014	37
Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014	38
Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014	38
Section VIII – Disease Progression and Mortality	39
Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014	39
Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014	40
Section IX – Pediatric Cases	41
Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014	41
Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014	42
Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014	42
Glossary of Terms	43

Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmf.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one-year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2013 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

Men who have Sex with Men (MSM): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection—either self-administered or given by another person—of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

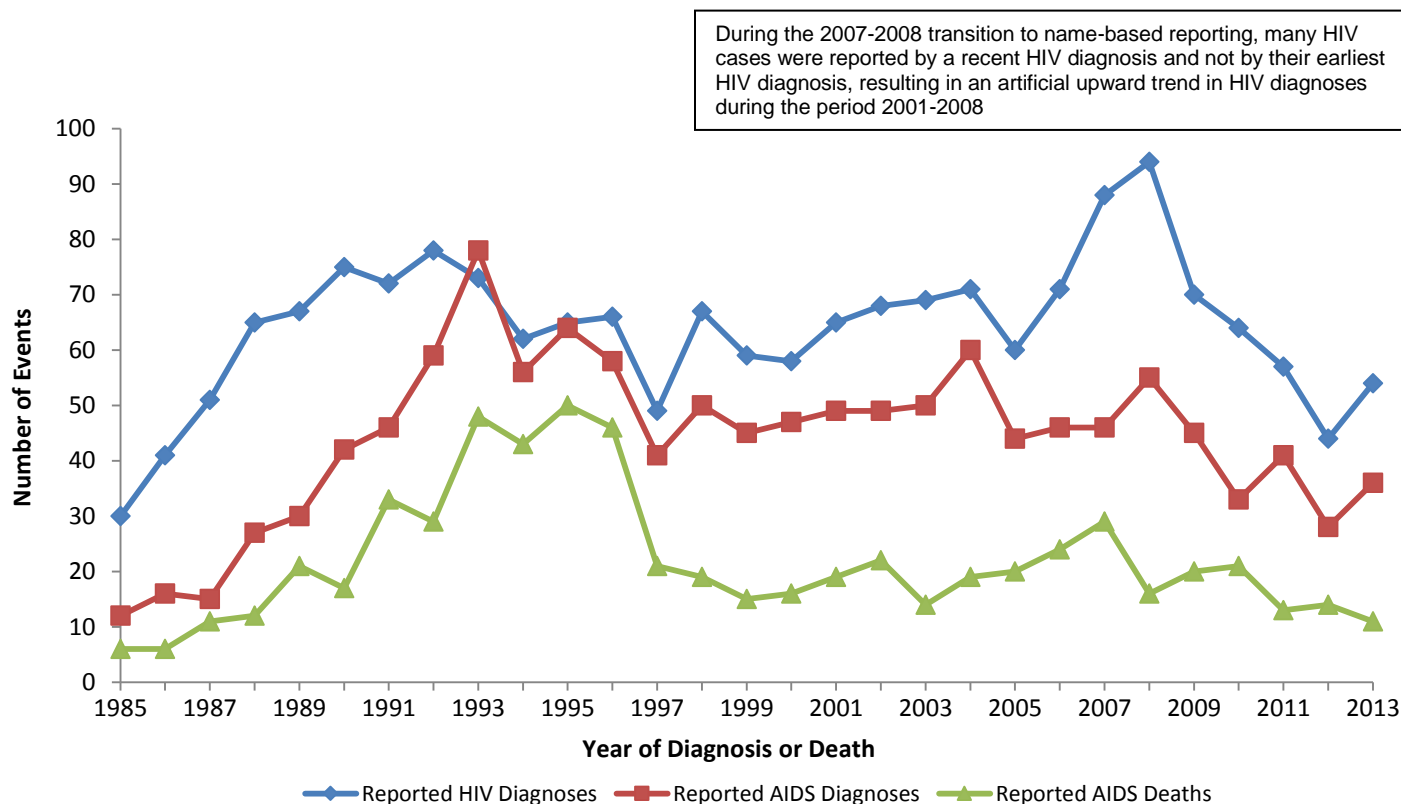
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2013

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014

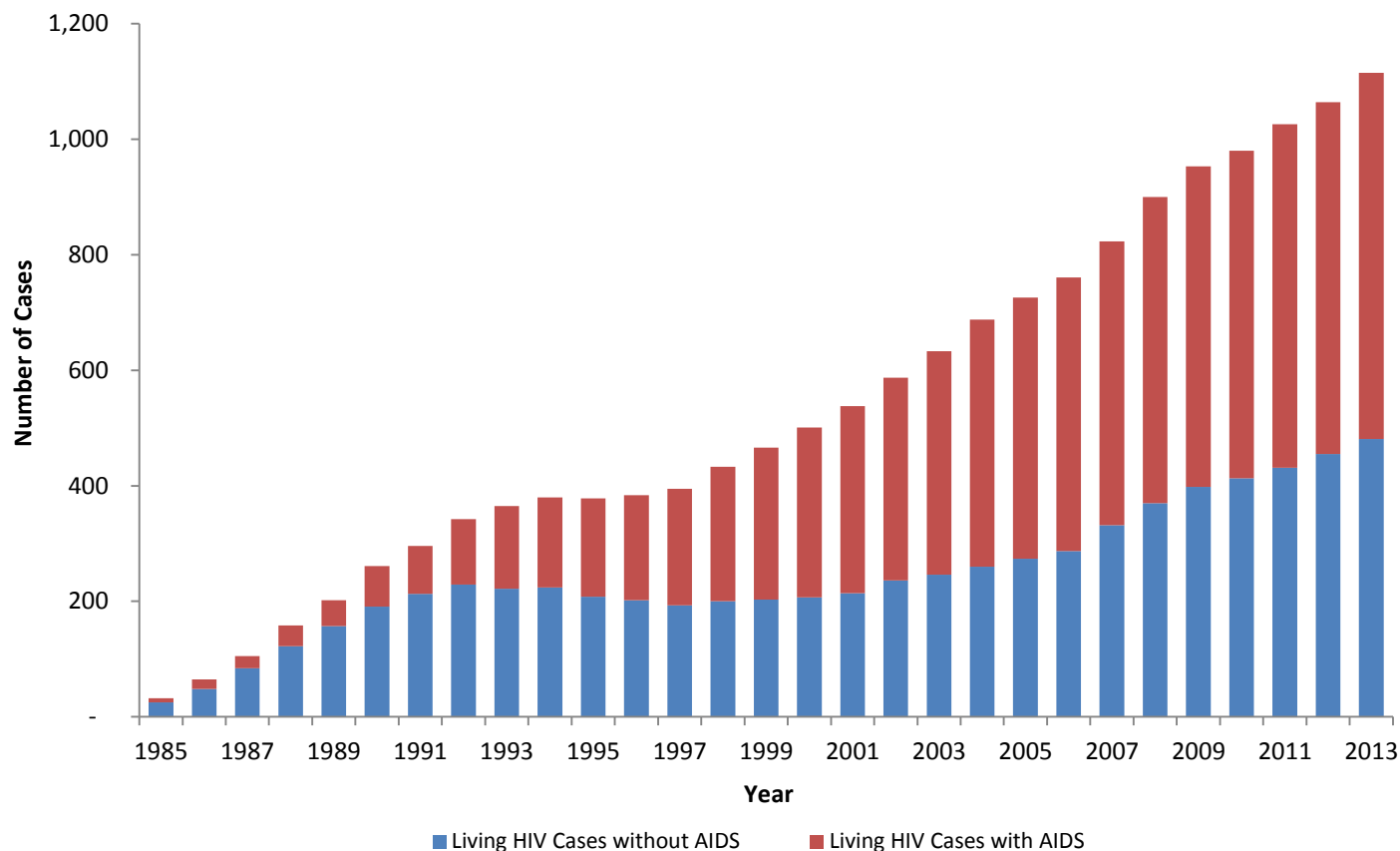
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	12	5	4	1999	59	45	15
1985	30	12	6	2000	58	47	16
1986	41	16	6	2001	65	49	19
1987	51	15	11	2002	68	49	22
1988	65	27	12	2003	69	50	14
1989	67	30	21	2004	71	60	19
1990	75	42	17	2005	60	44	20
1991	72	46	33	2006	71	46	24
1992	78	59	29	2007	88	46	29
1993	73	78	48	2008	94	55	16
1994	62	56	43	2009	70	45	20
1995	65	64	50	2010	64	33	21
1996	66	58	46	2011	57	41	13
1997	49	41	21	2012	44	28	14
1998	67	50	19	2013	54	36	11
				TOTAL	1,865	1,273	639

Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014

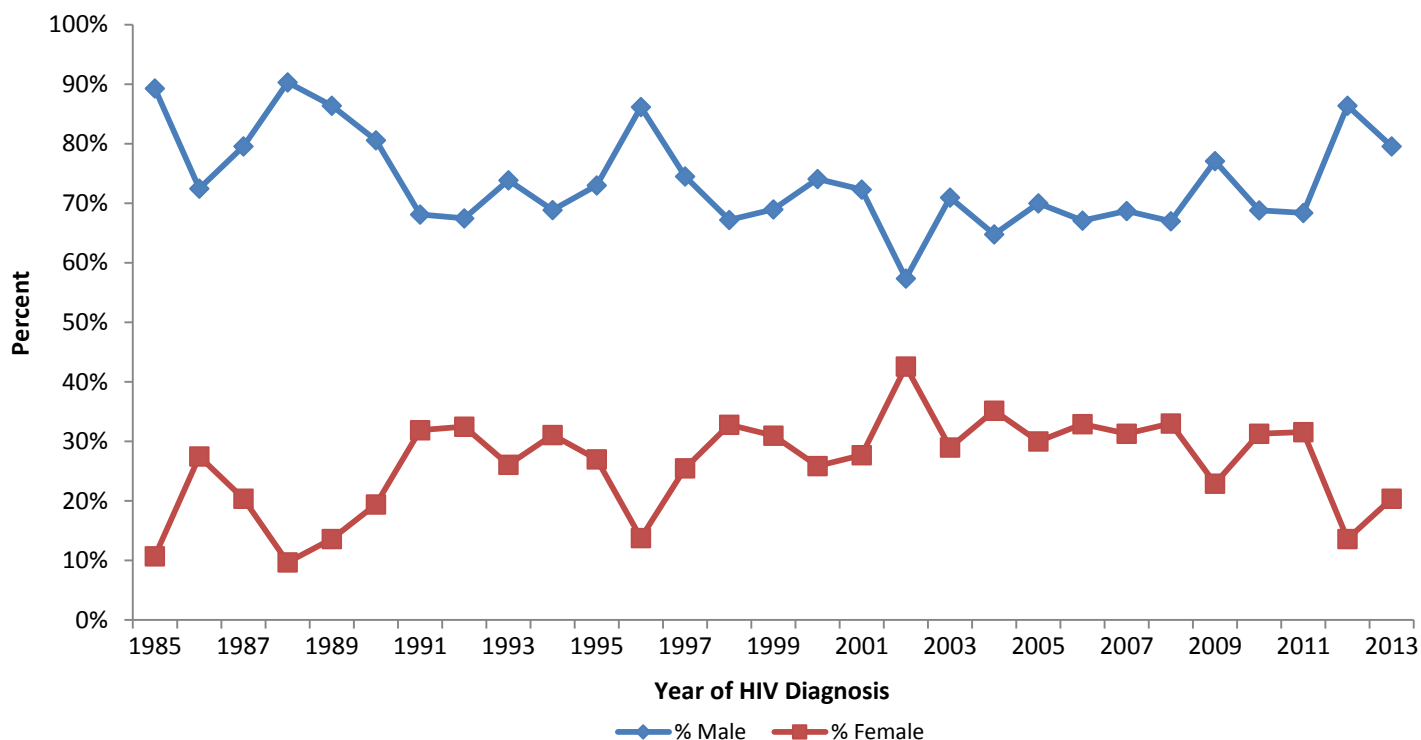
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	25	7	32	1999	203	263	466
1986	48	17	65	2000	207	294	501
1987	84	21	105	2001	214	324	538
1988	122	36	158	2002	236	351	587
1989	157	45	202	2003	246	387	633
1990	191	70	261	2004	260	428	688
1991	213	83	296	2005	274	452	726
1992	229	113	342	2006	287	474	761
1993	222	143	365	2007	332	491	823
1994	224	156	380	2008	370	530	900
1995	208	170	378	2009	398	555	953
1996	202	182	384	2010	413	567	980
1997	193	202	395	2011	431	595	1,026
1998	200	233	433	2012	455	609	1,064
				2013	481	634	1,115

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014

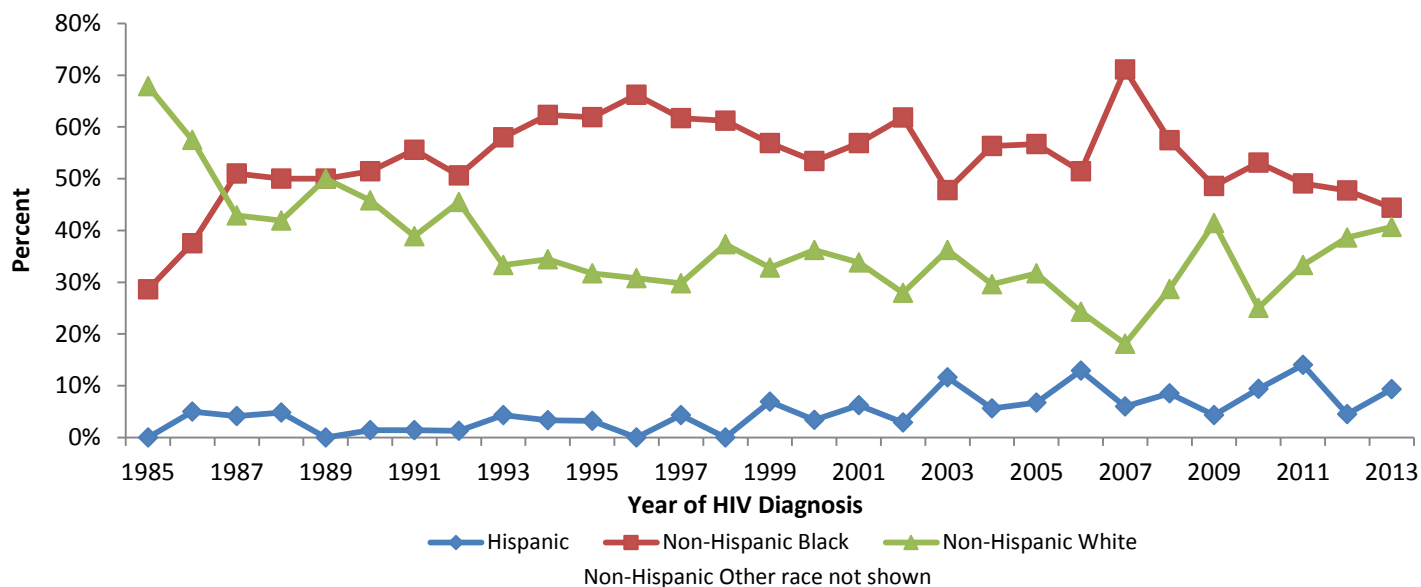
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	12	91.7%	8.3%	1999	58	69.0%	31.0%
1985	28	89.3%	10.7%	2000	58	74.1%	25.9%
1986	40	72.5%	27.5%	2001	65	72.3%	27.7%
1987	49	79.6%	20.4%	2002	68	57.4%	42.6%
1988	62	90.3%	9.7%	2003	69	71.0%	29.0%
1989	66	86.4%	13.6%	2004	71	64.8%	35.2%
1990	72	80.6%	19.4%	2005	60	70.0%	30.0%
1991	72	68.1%	31.9%	2006	70	67.1%	32.9%
1992	77	67.5%	32.5%	2007	83	68.7%	31.3%
1993	69	73.9%	26.1%	2008	94	67.0%	33.0%
1994	61	68.9%	31.1%	2009	70	77.1%	22.9%
1995	63	73.0%	27.0%	2010	64	68.8%	31.3%
1996	65	86.2%	13.8%	2011	57	68.4%	31.6%
1997	47	74.5%	25.5%	2012	44	86.4%	13.6%
1998	67	67.2%	32.8%	2013	54	79.6%	20.4%
				TOTAL	1,835	73.1%	26.9%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014

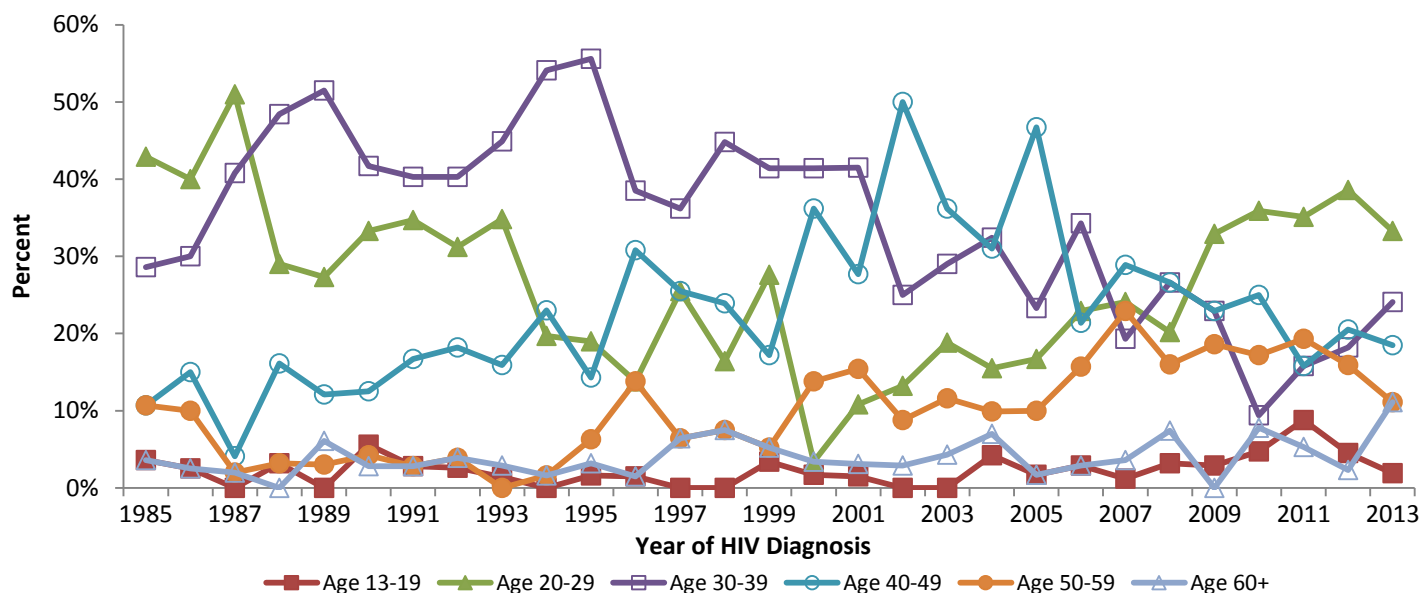
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	12	0.0%	25.0%	75.0%	0.0%
1985	28	0.0%	28.6%	67.9%	3.6%
1986	40	5.0%	37.5%	57.5%	0.0%
1987	49	4.1%	51.0%	42.9%	2.0%
1988	62	4.8%	50.0%	41.9%	3.2%
1989	66	0.0%	50.0%	50.0%	0.0%
1990	72	1.4%	51.4%	45.8%	1.4%
1991	72	1.4%	55.6%	38.9%	4.2%
1992	77	1.3%	50.6%	45.5%	2.6%
1993	69	4.3%	58.0%	33.3%	4.3%
1994	61	3.3%	62.3%	34.4%	0.0%
1995	63	3.2%	61.9%	31.7%	3.2%
1996	65	0.0%	66.2%	30.8%	3.1%
1997	47	4.3%	61.7%	29.8%	4.3%
1998	67	0.0%	61.2%	37.3%	1.5%
1999	58	6.9%	56.9%	32.8%	3.4%
2000	58	3.4%	53.4%	36.2%	6.9%
2001	65	6.2%	56.9%	33.8%	3.1%
2002	68	2.9%	61.8%	27.9%	7.4%
2003	69	11.6%	47.8%	36.2%	4.3%
2004	71	5.6%	56.3%	29.6%	8.5%
2005	60	6.7%	56.7%	31.7%	5.0%
2006	70	12.9%	51.4%	24.3%	11.4%
2007	83	6.0%	71.1%	18.1%	4.8%
2008	94	8.5%	57.4%	28.7%	5.3%
2009	70	4.3%	48.6%	41.4%	5.7%
2010	64	9.4%	53.1%	25.0%	12.5%
2011	57	14.0%	49.1%	33.3%	3.5%
2012	44	4.5%	47.7%	38.6%	9.1%
2013	54	9.3%	44.4%	40.7%	5.6%
TOTAL	1,835	5.1%	54.6%	35.9%	4.5%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014

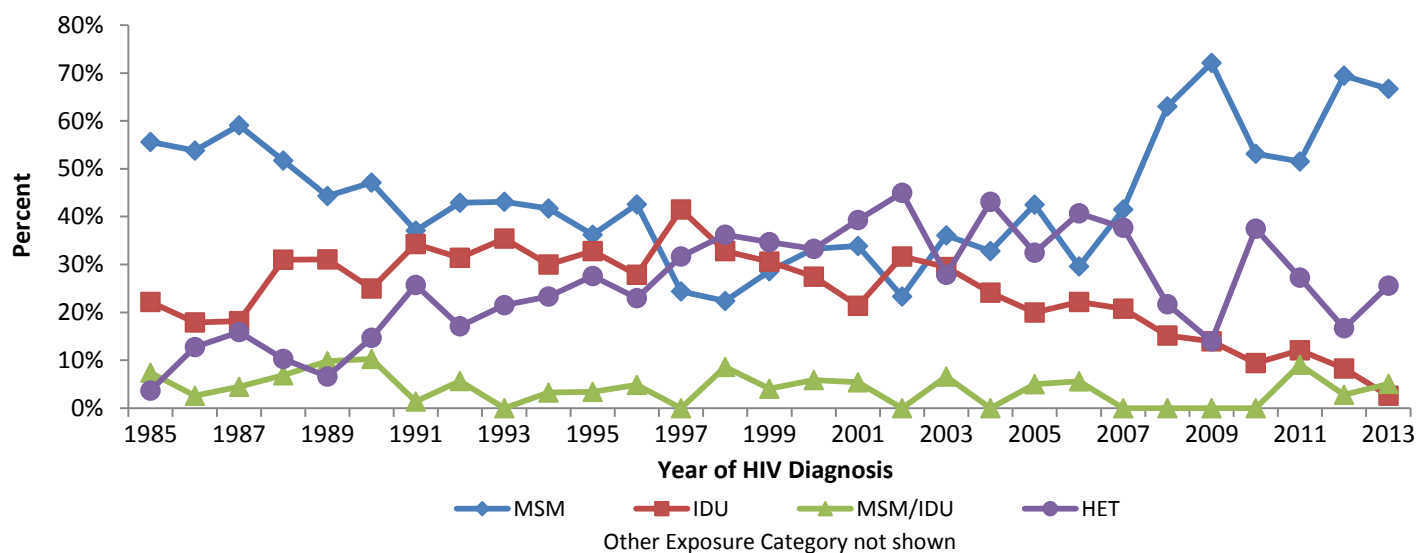
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	12	16.7%	41.7%	33.3%	8.3%	0.0%	0.0%
1985	28	3.6%	42.9%	28.6%	10.7%	10.7%	3.6%
1986	40	2.5%	40.0%	30.0%	15.0%	10.0%	2.5%
1987	49	0.0%	51.0%	40.8%	4.1%	2.0%	2.0%
1988	62	3.2%	29.0%	48.4%	16.1%	3.2%	0.0%
1989	66	0.0%	27.3%	51.5%	12.1%	3.0%	6.1%
1990	72	5.6%	33.3%	41.7%	12.5%	4.2%	2.8%
1991	72	2.8%	34.7%	40.3%	16.7%	2.8%	2.8%
1992	77	2.6%	31.2%	40.3%	18.2%	3.9%	3.9%
1993	69	1.4%	34.8%	44.9%	15.9%	0.0%	2.9%
1994	61	0.0%	19.7%	54.1%	23.0%	1.6%	1.6%
1995	63	1.6%	19.0%	55.6%	14.3%	6.3%	3.2%
1996	65	1.5%	13.8%	38.5%	30.8%	13.8%	1.5%
1997	47	0.0%	25.5%	36.2%	25.5%	6.4%	6.4%
1998	67	0.0%	16.4%	44.8%	23.9%	7.5%	7.5%
1999	58	3.4%	27.6%	41.4%	17.2%	5.2%	5.2%
2000	58	1.7%	3.4%	41.4%	36.2%	13.8%	3.4%
2001	65	1.5%	10.8%	41.5%	27.7%	15.4%	3.1%
2002	68	0.0%	13.2%	25.0%	50.0%	8.8%	2.9%
2003	69	0.0%	18.8%	29.0%	36.2%	11.6%	4.3%
2004	71	4.2%	15.5%	32.4%	31.0%	9.9%	7.0%
2005	60	1.7%	16.7%	23.3%	46.7%	10.0%	1.7%
2006	70	2.9%	22.9%	34.3%	21.4%	15.7%	2.9%
2007	83	1.2%	24.1%	19.3%	28.9%	22.9%	3.6%
2008	94	3.2%	20.2%	26.6%	26.6%	16.0%	7.4%
2009	70	2.9%	32.9%	22.9%	22.9%	18.6%	0.0%
2010	64	4.7%	35.9%	9.4%	25.0%	17.2%	7.8%
2011	57	8.8%	35.1%	15.8%	15.8%	19.3%	5.3%
2012	44	4.5%	38.6%	18.2%	20.5%	15.9%	2.3%
2013	54	1.9%	33.3%	24.1%	18.5%	11.1%	11.1%
TOTAL	1,835	2.4%	25.7%	34.6%	23.4%	10.0%	4.0%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	12	12	50.0%	16.7%	8.3%	0.0%	25.0%
1985	28	27	55.6%	22.2%	7.4%	3.7%	11.1%
1986	40	39	53.8%	17.9%	2.6%	12.8%	12.8%
1987	49	44	59.1%	18.2%	4.5%	15.9%	2.3%
1988	62	58	51.7%	31.0%	6.9%	10.3%	0.0%
1989	66	61	44.3%	31.1%	9.8%	6.6%	8.2%
1990	72	68	47.1%	25.0%	10.3%	14.7%	2.9%
1991	72	70	37.1%	34.3%	1.4%	25.7%	1.4%
1992	77	70	42.9%	31.4%	5.7%	17.1%	2.9%
1993	69	65	43.1%	35.4%	0.0%	21.5%	0.0%
1994	61	60	41.7%	30.0%	3.3%	23.3%	1.7%
1995	63	58	36.2%	32.8%	3.4%	27.6%	0.0%
1996	65	61	42.6%	27.9%	4.9%	23.0%	1.6%
1997	47	41	24.4%	41.5%	0.0%	31.7%	2.4%
1998	67	58	22.4%	32.8%	8.6%	36.2%	0.0%
1999	58	49	28.6%	30.6%	4.1%	34.7%	2.0%
2000	58	51	33.3%	27.5%	5.9%	33.3%	0.0%
2001	65	56	33.9%	21.4%	5.4%	39.3%	0.0%
2002	68	60	23.3%	31.7%	0.0%	45.0%	0.0%
2003	69	61	36.1%	29.5%	6.6%	27.9%	0.0%
2004	71	58	32.8%	24.1%	0.0%	43.1%	0.0%
2005	60	40	42.5%	20.0%	5.0%	32.5%	0.0%
2006	70	54	29.6%	22.2%	5.6%	40.7%	1.9%
2007	83	53	41.5%	20.8%	0.0%	37.7%	0.0%
2008	94	46	63.0%	15.2%	0.0%	21.7%	0.0%
2009	70	43	72.1%	14.0%	0.0%	14.0%	0.0%
2010	64	32	53.1%	9.4%	0.0%	37.5%	0.0%
2011	57	33	51.5%	12.1%	9.1%	27.3%	0.0%
2012	44	36	69.4%	8.3%	2.8%	16.7%	2.8%
2013	54	39	66.7%	2.6%	5.1%	25.6%	0.0%
TOTAL	1,835	1,503	42.6%	25.5%	4.2%	25.8%	1.9%

Section III – Adult/Adolescent Cases by ZIP Code

Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
20711	5,826	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20714	821	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20724	13,607	6	11.1%	44.1	6	100.0%	***	***	6	100.0%	413
20733	2,336	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20736	9	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20751	2,091	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20754	910	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20755	6,565	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20758	654	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20764	3,633	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20765	490	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20776	2,884	1	1.9%	34.7	***	***	***	***	***	***	***
20778	1,755	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20779	1,045	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
20794	6,477	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21012	18,372	1	1.9%	5.4	***	***	***	***	***	***	***
21032	7,792	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21035	6,755	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21037	17,906	2	3.7%	11.2	***	***	***	***	***	***	***
21054	8,730	1	1.9%	11.5	***	***	***	***	***	***	***
21056	247	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21060	25,697	8	14.8%	31.1	6	75.0%	***	***	7	87.5%	256
21061	46,352	13	24.1%	28.0	10	76.9%	***	***	9	69.2%	245
21076	9,798	2	3.7%	20.4	***	***	***	***	***	***	***
21077	196	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21090	8,768	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21108	15,252	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21113	25,524	2	3.7%	7.8	***	***	***	***	***	***	***
21114	21,052	2	3.7%	9.5	***	***	***	***	***	***	***
21122	52,465	1	1.9%	1.9	***	***	***	***	***	***	***
21140	2,982	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21144	26,580	4	7.4%	15.0	***	***	***	***	***	***	***
21146	22,760	3	5.6%	13.2	***	***	***	***	***	***	***
21225	12,491	2	3.7%	16.0	0	0.0%	0	0.0%	***	***	***
21226	3,671	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21401	32,212	3	5.6%	9.3	***	***	***	***	***	***	***
21402	5,158	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21403	26,674	2	3.7%	7.5	***	***	***	***	***	***	***
21405	487	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21409	17,038	1	1.9%	5.9	***	***	***	***	***	***	***
Total	464,062	54	100.0%	11.6	43	79.6%	18	33.3%	45	83.3%	300

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

ZIP Code of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
20711	5,826	1	2.8%	17.2	***	***
20714	821	0	0.0%	0.0	--	0.0%
20724	13,607	6	16.7%	44.1	6.7	16.7%
20733	2,336	0	0.0%	0.0	--	0.0%
20736	9	0	0.0%	0.0	--	0.0%
20751	2,091	0	0.0%	0.0	--	0.0%
20754	910	0	0.0%	0.0	--	0.0%
20755	6,565	0	0.0%	0.0	--	0.0%
20758	654	0	0.0%	0.0	--	0.0%
20764	3,633	0	0.0%	0.0	--	0.0%
20765	490	0	0.0%	0.0	--	0.0%
20776	2,884	0	0.0%	0.0	--	0.0%
20778	1,755	0	0.0%	0.0	--	0.0%
20779	1,045	0	0.0%	0.0	--	0.0%
20794	6,477	0	0.0%	0.0	--	0.0%
21012	18,372	0	0.0%	0.0	--	0.0%
21032	7,792	0	0.0%	0.0	--	0.0%
21035	6,755	0	0.0%	0.0	--	0.0%
21037	17,906	2	5.6%	11.2	***	***
21054	8,730	0	0.0%	0.0	--	0.0%
21056	247	0	0.0%	0.0	--	0.0%
21060	25,697	4	11.1%	15.6	***	***
21061	46,352	7	19.4%	15.1	5.7	42.9%
21076	9,798	1	2.8%	10.2	***	***
21077	196	0	0.0%	0.0	--	0.0%
21090	8,768	0	0.0%	0.0	--	0.0%
21108	15,252	0	0.0%	0.0	--	0.0%
21113	25,524	1	2.8%	3.9	***	***
21114	21,052	1	2.8%	4.8	***	***
21122	52,465	5	13.9%	9.5	2.9	60.0%
21140	2,982	0	0.0%	0.0	--	0.0%
21144	26,580	0	0.0%	0.0	--	0.0%
21146	22,760	4	11.1%	17.6	***	***
21225	12,491	0	0.0%	0.0	--	0.0%
21226	3,671	0	0.0%	0.0	--	0.0%
21401	32,212	3	8.3%	9.3	***	***
21402	5,158	0	0.0%	0.0	--	0.0%
21403	26,674	1	2.8%	3.7	***	***
21405	487	0	0.0%	0.0	--	0.0%
21409	17,038	0	0.0%	0.0	--	0.0%
TOTAL	464,062	36	100.0%	7.8	3.8	47.2%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
20711	5,826	5	1.1%	85.8	8	1.3%	137.3	13	1.2%	223.2	448
20714	821	***	***	***	***	***	***	***	***	***	***
20724	13,607	30	6.4%	220.5	39	6.3%	0.0	69	6.3%	507.1	0
20733	2,336	2	0.4%	85.6	1	0.2%	42.8	3	0.3%	128.4	778
20736	9	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20751	2,091	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20754	910	***	***	***	***	***	***	***	***	***	***
20755	6,565	6	1.3%	91.4	4	0.6%	60.9	10	0.9%	152.3	656
20758	654	***	***	***	***	***	***	***	***	***	***
20764	3,633	2	0.4%	55.0	3	0.5%	82.6	5	0.5%	137.6	0
20765	490	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
20776	2,884	1	0.2%	34.7	1	0.2%	34.7	2	0.2%	69.4	0
20778	1,755	2	0.4%	114.0	0	0.0%	0.0	2	0.2%	114.0	877
20779	1,045	1	0.2%	95.7	1	0.2%	95.7	2	0.2%	191.4	522
20794	6,477	5	1.1%	77.2	12	1.9%	185.3	17	1.6%	262.5	0
21012	18,372	12	2.5%	65.3	9	1.5%	49.0	21	1.9%	114.3	0
21032	7,792	5	1.1%	64.2	10	1.6%	128.3	15	1.4%	192.5	0
21035	6,755	4	0.8%	59.2	1	0.2%	14.8	5	0.5%	74.0	1,351
21037	17,906	11	2.3%	61.4	13	2.1%	72.6	24	2.2%	134.0	746
21054	8,730	5	1.1%	57.3	7	1.1%	80.2	12	1.1%	137.5	727
21056	247	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21060	25,697	31	6.6%	120.6	42	6.8%	163.4	73	6.7%	284.1	352
21061	46,352	81	17.2%	174.8	96	15.5%	207.1	177	16.2%	381.9	261
21076	9,798	7	1.5%	71.4	11	1.8%	112.3	18	1.6%	183.7	544
21077	196	***	***	***	***	***	***	***	***	***	***
21090	8,768	8	1.7%	91.2	4	0.6%	45.6	12	1.1%	136.9	730
21108	15,252	7	1.5%	45.9	9	1.5%	59.0	16	1.5%	104.9	953
21113	25,524	24	5.1%	94.0	28	4.5%	109.7	52	4.8%	203.7	0
21114	21,052	18	3.8%	85.5	11	1.8%	52.3	29	2.7%	137.8	725
21122	52,465	25	5.3%	47.7	41	6.6%	78.1	66	6.0%	125.8	794
21140	2,982	2	0.4%	67.1	1	0.2%	33.5	3	0.3%	100.6	994
21144	26,580	43	9.1%	161.8	46	7.4%	173.1	89	8.2%	334.8	298
21146	22,760	8	1.7%	35.1	16	2.6%	70.3	24	2.2%	105.4	0
21225	12,491	26	5.5%	208.2	41	6.6%	328.2	67	6.1%	536.4	186
21226	3,671	2	0.4%	54.5	0	0.0%	0.0	2	0.2%	54.5	1,835
21401	32,212	49	10.4%	152.1	90	14.5%	279.4	139	12.7%	431.5	231
21402	5,158	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21403	26,674	33	7.0%	123.7	62	10.0%	232.4	95	8.7%	356.1	280
21405	487	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21409	17,038	5	1.1%	29.3	6	1.0%	35.2	11	1.0%	64.6	1,548
Unknown	--	8	1.7%	--	4	0.6%	--	12	1.1%	--	--
TOTAL	464,062	472	100.0%	101.7	619	100.0%	133.4	1,091	100.0%	235.1	425

*** Data withheld due to low population counts and/or case counts

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.
Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.
Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.
Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).
Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
20711	13	9	69.2%	635	0.0%	11.1%	11.1%	77.8%
20714	***	***	***	***	***	***	***	***
20724	69	36	52.2%	528	25.0%	8.3%	13.9%	52.8%
20733	3	***	***	***	***	***	***	***
20736	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20751	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20754	***	***	***	***	***	***	***	***
20755	10	***	***	***	***	***	***	***
20758	***	***	***	***	***	***	***	***
20764	5	***	***	***	***	***	***	***
20765	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
20776	2	***	***	***	***	***	***	***
20778	2	***	***	***	***	***	***	***
20779	2	***	***	***	***	***	***	***
20794	17	10	58.8%	298	30.0%	40.0%	0.0%	30.0%
21012	21	11	52.4%	612	0.0%	9.1%	9.1%	81.8%
21032	15	9	60.0%	536	11.1%	22.2%	11.1%	55.6%
21035	5	***	***	***	***	***	***	***
21037	24	10	41.7%	569	10.0%	10.0%	20.0%	60.0%
21054	12	7	58.3%	644	0.0%	0.0%	42.9%	57.1%
21056	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
21060	73	52	71.2%	433	17.3%	13.5%	26.9%	42.3%
21061	177	107	60.5%	490	8.4%	17.8%	26.2%	47.7%
21076	18	12	66.7%	581	16.7%	8.3%	8.3%	66.7%
21077	***	***	***	***	***	***	***	***
21090	12	***	***	***	***	***	***	***
21108	16	6	37.5%	577	16.7%	0.0%	16.7%	66.7%
21113	52	31	59.6%	429	19.4%	16.1%	16.1%	48.4%
21114	29	16	55.2%	540	12.5%	18.8%	18.8%	50.0%
21122	66	42	63.6%	518	26.2%	4.8%	19.0%	50.0%
21140	3	***	***	***	***	***	***	***
21144	89	56	62.9%	601	12.5%	7.1%	14.3%	66.1%
21146	24	19	79.2%	364	15.8%	31.6%	21.1%	31.6%
21225	67	48	71.6%	481	6.3%	22.9%	25.0%	45.8%
21226	2	***	***	***	***	***	***	***
21401	139	76	54.7%	549	10.5%	14.5%	17.1%	57.9%
21402	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
21403	95	50	52.6%	493	10.0%	10.0%	34.0%	46.0%
21405	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
21409	11	5	45.5%	521	0.0%	40.0%	0.0%	60.0%
Unknown	12	4	33.3%	654	0.0%	0.0%	0.0%	100.0%
TOTAL	1,091	641	58.8%	527	12.6%	14.7%	20.0%	52.7%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
20711	13	8	61.5%	100.0%	--
20714	***	***	***	***	***
20724	69	37	53.6%	64.9%	18,530
20733	3	***	***	***	***
20736	0	0	0.0%	0.0%	--
20751	0	0	0.0%	0.0%	--
20754	***	***	***	***	***
20755	10	***	***	***	***
20758	***	***	***	***	***
20764	5	***	***	***	***
20765	0	0	0.0%	0.0%	--
20776	2	***	***	***	***
20778	2	***	***	***	***
20779	2	***	***	***	***
20794	17	7	41.2%	85.7%	38,231
21012	21	11	52.4%	81.8%	99,266
21032	15	8	53.3%	75.0%	40,204
21035	5	***	***	***	***
21037	24	9	37.5%	66.7%	15,310
21054	12	5	41.7%	100.0%	--
21056	0	0	0.0%	0.0%	--
21060	73	42	57.5%	61.9%	5,328
21061	177	93	52.5%	63.4%	4,378
21076	18	10	55.6%	70.0%	116,100
21077	***	***	***	***	***
21090	12	***	***	***	***
21108	16	***	***	***	***
21113	52	30	57.7%	60.0%	4,066
21114	29	14	48.3%	85.7%	751
21122	66	42	63.6%	83.3%	600
21140	3	***	***	***	***
21144	89	45	50.6%	66.7%	6,280
21146	24	15	62.5%	73.3%	62,319
21225	67	37	55.2%	59.5%	11,974
21226	2	***	***	***	***
21401	139	73	52.5%	71.2%	20,600
21402	0	0	0.0%	0.0%	--
21403	95	44	46.3%	79.5%	730
21405	0	0	0.0%	0.0%	--
21409	11	6	54.5%	83.3%	2,041
Unknown	12	4	33.3%	75.0%	610
TOTAL	1,091	567	52.0%	70.5%	11,386

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

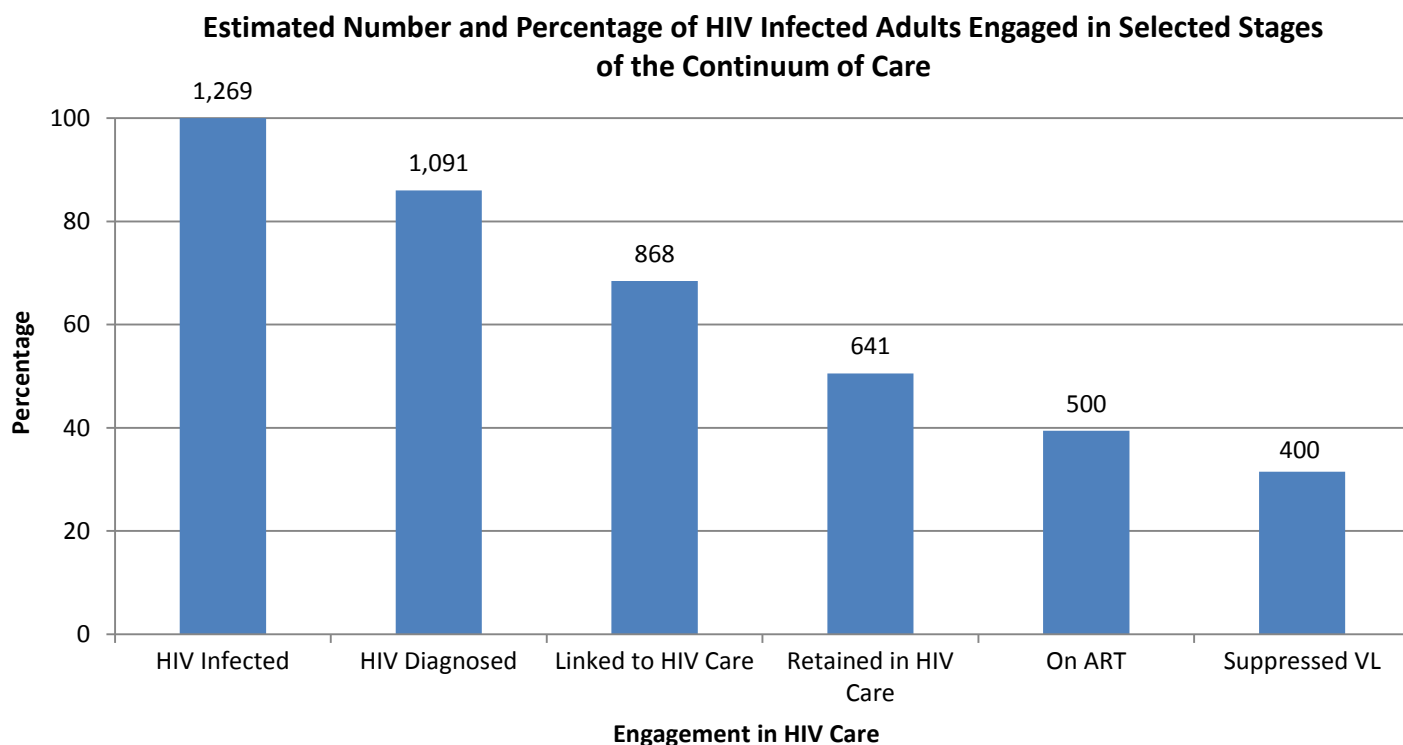
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

In their 2011 article in Clinical Infectious Diseases, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	1,269	100.0%
HIV Diagnosed	1,091	86.0%
Linked to HIV Care	868	68.5%
Retained in HIV Care	641	50.5%
On ART	500	39.4%
Suppressed VL	400	31.5%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	35,202	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	56,479	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	48,217	1	1.9%	2.1	***	***	***	***	***	***	***
20-29	75,895	18	33.3%	23.7	15	83.3%	***	***	16	88.9%	399
30-39	74,220	13	24.1%	17.5	11	84.6%	***	***	11	84.6%	391
40-49	79,744	10	18.5%	12.5	8	80.0%	7	70.0%	9	90.0%	164
50-59	81,804	6	11.1%	7.3	5	83.3%	***	***	***	***	***
60+	104,182	6	11.1%	5.8	***	***	***	***	***	***	***
TOTAL	555,743	54	100.0%	9.7	43	79.6%	18	33.3%	45	83.3%	300

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	35,202	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	56,479	0	0.0%	0.0	--	0.0%
13-19	48,217	0	0.0%	0.0	--	0.0%
20-29	75,895	9	25.0%	11.9	3.6	33.3%
30-39	74,220	6	16.7%	8.1	3.7	50.0%
40-49	79,744	12	33.3%	15.0	3.7	50.0%
50-59	81,804	6	16.7%	7.3	6.0	33.3%
60+	104,182	3	8.3%	2.9	***	***
TOTAL	555,743	36	100.0%	6.5	3.8	47.2%

*** Data withheld due to low population counts and/or case counts

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	35,202	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
5-12 (Pediatric)	56,479	2	0.4%	3.5	1	0.2%	1.8	3	0.3%	5.3	18,826
13-19	48,217	8	1.7%	16.6	4	0.6%	8.3	12	1.1%	24.9	4,018
20-29	75,895	90	18.7%	118.6	46	7.3%	60.6	136	12.2%	179.2	558
30-39	74,220	91	18.9%	122.6	86	13.6%	115.9	177	15.9%	238.5	419
40-49	79,744	130	27.0%	163.0	195	30.8%	244.5	325	29.1%	407.6	245
50-59	81,804	112	23.3%	136.9	204	32.2%	249.4	316	28.3%	386.3	258
60+	104,182	48	10.0%	46.1	98	15.5%	94.1	146	13.1%	140.1	713
TOTAL	555,743	481	100.0%	86.6	634	100.0%	114.1	1,115	100.0%	200.6	498

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	4	***	***	***	***	***	***	***
20-29	126	***	***	***	***	***	***	***
30-39	174	100	57.5%	509	10.0%	20.0%	20.0%	50.0%
40-49	325	189	58.2%	526	14.8%	10.1%	22.8%	52.4%
50-59	316	183	57.9%	499	15.8%	18.6%	15.8%	49.7%
60+	146	87	59.6%	599	6.9%	12.6%	18.4%	62.1%
TOTAL	1,091	641	58.8%	527	12.6%	14.7%	20.0%	52.7%

*** Data withheld due to low population counts and/or case counts

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	4	***	***	***	***
20-29	126	***	***	***	***
30-39	174	86	49.4%	65.1%	4,960
40-49	325	174	53.5%	74.1%	17,102
50-59	316	159	50.3%	74.8%	18,043
60+	146	69	47.3%	85.5%	17,535
TOTAL	1,091	567	52.0%	70.5%	11,386

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	228,380	43	79.6%	18.8	35	81.4%	13	30.2%	35	81.4%	300
Female	235,683	11	20.4%	4.7	8	72.7%	5	45.5%	10	90.9%	305
TOTAL	464,062	54	100.0%	11.6	43	79.6%	18	33.3%	45	83.3%	300

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	27,927	5	9.3%	17.9	5	100.0%	***	***	5	100.0%	278
Non-Hispanic	436,135	49	90.7%	11.2	38	77.6%	16	32.7%	40	81.6%	332
American Indian/Alaska Native, only	1,233	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	17,091	1	1.8%	5.9	***	***	***	***	***	***	***
Black, only	71,189	24	44.4%	33.7	18	75.0%	8	33.3%	19	79.2%	391
Native Hawaiian/ Other Pacific Islander, only	371	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White, only	337,972	22	40.7%	6.5	18	81.8%	7	31.8%	18	81.8%	335
Multiracial/ Other	8,279	2	3.7%	24.2	***	***	***	***	***	***	***
TOTAL	464,062	54	100.0%	11.6	43	79.6%	18	33.3%	45	83.3%	300

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	413,782	46	85.2%	11.1	35	76.1%	15	32.6%	38	82.6%	374
Foreign-born	40,662	4	7.4%	9.8	***	***	***	***	***	***	***
Africa	--	3	5.6%	--	***	***	***	***	***	***	***
Asia	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Caribbean	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Central America	--	1	1.9%	--	***	***	***	***	***	***	***
Other	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Unknown	--	4	7.4%	--	***	***	***	***	***	***	***
TOTAL	454,445	54	100.0%	11.9	43	79.6%	18	33.3%	45	83.3%	300

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	228,380	27	75.0%	11.8	3.9	48.1%
Female	235,683	9	25.0%	3.8	3.3	44.4%
TOTAL	464,062	36	100.0%	7.8	3.8	47.2%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	27,927	2	5.6%	7.2	***	***
Non-Hispanic	436,135	34	94.4%	7.8	4.0	44.1%
American Indian/Alaska Native, only	1,233	0	0.0%	0.0	--	0.0%
Asian, only	17,091	0	0.0%	0.0	--	0.0%
Black, only	71,189	16	44.5%	22.5	3.7	37.5%
Native Hawaiian/Other Pacific Islander, only	371	0	0.0%	0.0	--	0.0%
White, only	337,972	14	38.9%	4.1	3.1	64.3%
Multiracial/Other	8,279	4	11.1%	48.3	***	***
TOTAL	464,062	36	100.0%	7.8	3.8	47.2%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	413,782	31	86.1%	7.5	3.8	45.2%
Foreign-born	40,662	2	5.6%	4.9	***	***
Africa	--	1	2.8%	--	***	***
Asia	--	0	0.0%	--	--	0.0%
Caribbean	--	0	0.0%	--	--	0.0%
Central America	--	1	2.8%	--	***	***
Other	--	0	0.0%	--	--	0.0%
Unknown	--	3	8.3%	--	6.3	33.3%
TOTAL	454,445	36	100.0%	7.9	3.8	47.2%

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	228,380	325	68.9%	142.3	431	69.6%	188.7	756	69.3%	331.0	302
Female	235,683	147	31.1%	62.4	188	30.4%	79.8	335	30.7%	142.1	703
TOTAL	464,062	472	100.0%	101.7	619	100.0%	133.4	1,091	100.0%	235.1	425

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	27,927	25	5.3%	89.5	54	8.7%	193.4	79	7.2%	282.9	353
Non-Hispanic	436,135	447	94.7%	102.5	565	91.3%	129.5	1,012	92.8%	232.0	430
American Indian/Alaska Native, only	1,233	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
Asian, only	17,091	***	***	***	***	***	***	***	***	***	***
Black, only	71,189	236	50.0%	331.5	359	58.0%	504.3	595	54.6%	835.8	119
Native Hawaiian/ Other Pacific Islander, only	371	***	***	***	***	***	***	***	***	***	***
White, only	337,972	184	39.0%	54.4	165	26.7%	48.8	349	32.0%	103.3	968
Multiracial/ Other	8,279	22	4.6%	265.7	40	6.5%	483.1	62	5.7%	748.8	133
TOTAL	464,062	472	100.0%	101.7	619	100.0%	133.4	1,091	100.0%	235.1	425

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	413,782	428	90.7%	103.4	566	91.4%	136.8	994	91.1%	240.2	416
Foreign-born	40,662	23	4.9%	56.6	47	7.6%	115.6	70	6.4%	172.1	580
Africa	--	7	1.3%	--	14	1.9%	--	21	1.6%	--	--
Asia	--	***	***	***	***	***	***	***	***	***	***
Caribbean	--	***	***	***	***	***	***	***	***	***	***
Central America	--	6	1.1%	--	25	3.4%	--	31	2.4%	--	--
Other	--	***	***	***	***	***	***	7	0.5%	--	--
Unknown	--	21	4.4%	--	6	1.0%	--	27	2.5%	--	--
TOTAL	454,445	472	100.0%	103.9	619	100.0%	136.2	1,091	100.0%	240.1	416

* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

** Population data by country of birth are from the 2013 American Community Survey

*** Data withheld due to low population and/or case counts

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2013.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	756	440	58.2%	519	13.9%	15.0%	19.1%	52.0%
Female	335	201	60.0%	536	10.0%	13.9%	21.9%	54.2%
TOTAL	1,091	641	58.8%	527	12.6%	14.7%	20.0%	52.7%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	79	53	67.1%	484	7.5%	17.0%	30.2%	45.3%
Non-Hispanic	1,012	588	58.1%	530	13.1%	14.5%	19.0%	53.4%
American Indian/Alaska Native, only	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Asian, only	***	***	***	***	***	***	***	***
Black, only	595	350	58.8%	501	15.7%	14.9%	19.4%	50.0%
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***	***	***	***
White, only	349	188	53.9%	601	6.9%	12.2%	18.1%	62.8%
Multiracial/Other	62	48	77.4%	417	18.8%	20.8%	20.8%	39.6%
TOTAL	1,091	641	58.8%	527	12.6%	14.7%	20.0%	52.7%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	994	583	58.7%	530	12.9%	14.6%	19.2%	53.3%
Foreign-born	70	44	62.9%	484	9.1%	15.9%	31.8%	43.2%
Africa	21	13	61.9%	533	7.7%	15.4%	15.4%	61.5%
Asia	***	***	***	***	***	***	***	***
Caribbean	***	***	***	***	***	***	***	***
Central America	31	23	74.2%	392	13.0%	17.4%	39.1%	30.4%
Other	7	***	***	***	***	***	***	***
Unknown	27	14	51.9%	648	14.3%	14.3%	14.3%	57.1%
TOTAL	1,091	641	58.8%	527	12.6%	14.7%	20.0%	52.7%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	756	394	52.1%	71.8%	11,974
Female	335	173	51.6%	67.6%	7,002
TOTAL	1,091	567	52.0%	70.5%	11,386

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	79	42	53.2%	81.0%	9,853
Non-Hispanic	1,012	525	51.9%	69.7%	11,974
American Indian/Alaska Native, only	0	0	0.0%	0.0%	--
Asian, only	***	***	***	***	***
Black, only	595	312	52.4%	64.1%	13,354
Native Hawaiian/Other Pacific Islander, only	***	***	***	***	***
White, only	349	169	48.4%	80.5%	3,950
Multiracial/Other	62	42	67.7%	66.7%	17,683
TOTAL	1,091	567	52.0%	70.5%	11,386

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	994	516	51.9%	70.2%	11,680
Foreign-born	70	36	51.4%	72.2%	16,015
Africa	21	13	61.9%	69.2%	33,528
Asia	***	***	***	***	***
Caribbean	***	***	***	***	***
Central America	31	18	58.1%	77.8%	22,556
Other	7	***	***	***	***
Unknown	27	15	55.6%	80.0%	1,554
TOTAL	1,091	567	52.0%	70.5%	11,386

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

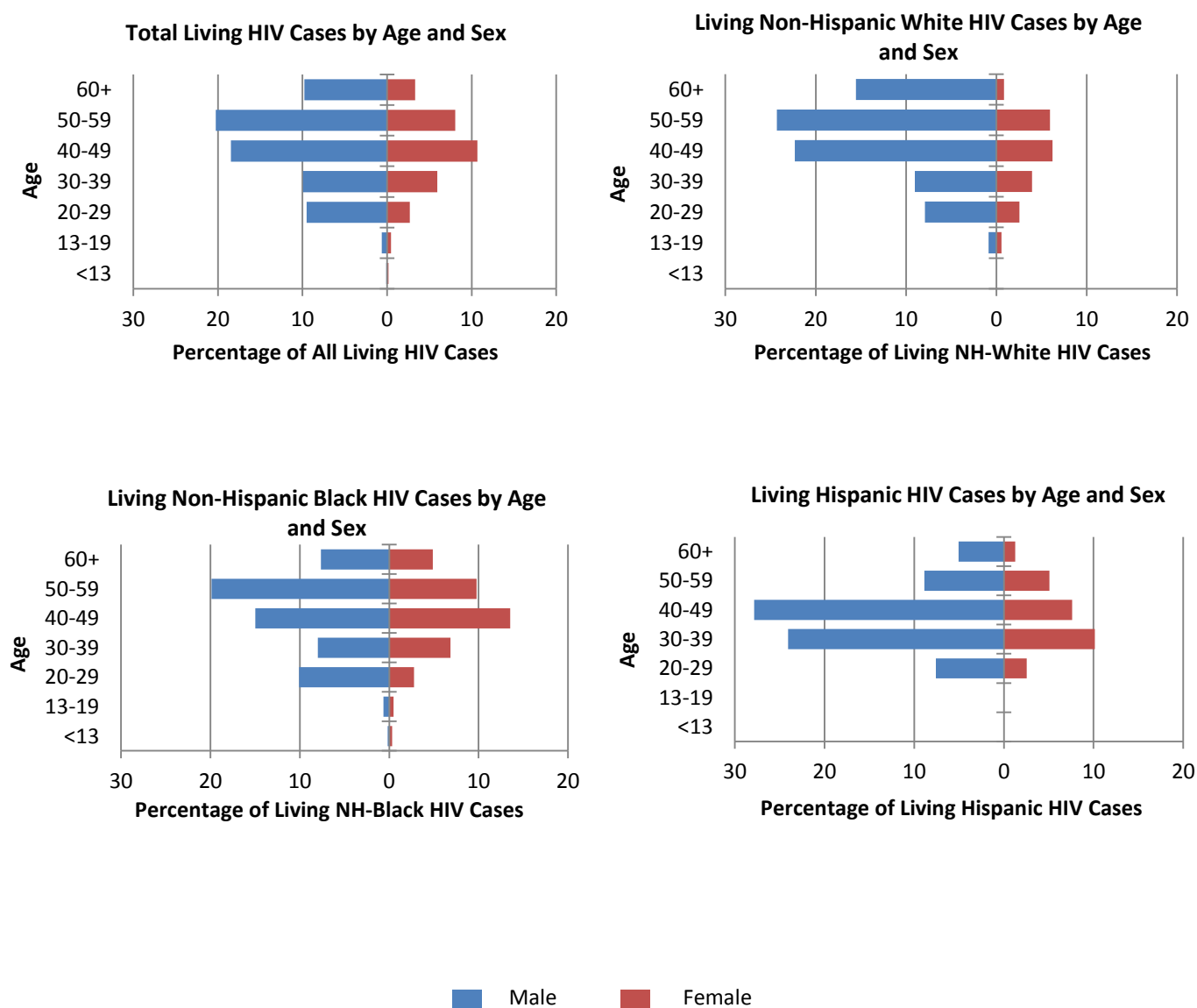
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	5,230	8,325	28,741	4,507	46,802
	Cases	0	1	0	0	1
	Rate	0.0	12.0	0.0	0.0	2.1
	Ratio (1 in X)	--	8,324	--	--	46,802
13-19	Population	2,138	4,525	16,523	4,507	27,693
	Cases	0	4	3	0	7
	Rate	0.0	88.4	18.2	0.0	25.3
	Ratio (1 in X)	--	1,131	5,507	--	3,956
20-29	Population	3,863	6,685	26,894	2,795	40,237
	Cases	6	62	28	10	106
	Rate	155.3	927.4	104.1	357.8	263.4
	Ratio (1 in X)	643	107	960	279	379
30-39	Population	4,029	6,536	24,055	2,521	37,141
	Cases	19	49	32	11	111
	Rate	471.6	749.7	133.0	436.3	298.9
	Ratio (1 in X)	212	133	751	229	334
40-49	Population	2,548	6,375	28,063	1,995	38,981
	Cases	22	92	79	13	206
	Rate	863.4	1,443.1	281.5	651.6	528.5
	Ratio (1 in X)	115	69	355	153	189
50-59	Population	1,320	5,306	31,368	1,664	39,658
	Cases	***	122	86	***	226
	Rate	***	2,299.3	274.2	***	569.9
	Ratio (1 in X)	***	43	364	***	175
60+	Population	867	4,837	39,877	1,656	47,237
	Cases	***	47	55	***	109
	Rate	***	971.7	137.9	***	230.8
	Ratio (1 in X)	***	102	725	***	433
TOTAL MALES BY RACE/ ETHNICITY	Population	19,995	42,589	195,521	19,645	277,750
	Cases	58	377	283	48	766
	Rate	290.1	885.2	144.7	244.3	275.8
	Ratio (1 in X)	344	112	690	409	362

*** Data withheld due to low population counts and/or case counts

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	5,173	8,042	27,184	4,480	44,878
	Cases	0	2	0	0	2
	Rate	0.0	24.9	0.0	0.0	4.5
	Ratio (1 in X)	--	4,020	--	--	22,439
13-19	Population	1,912	4,324	14,938	1,917	23,092
	Cases	0	3	2	0	5
	Rate	0.0	69.4	13.4	0.0	21.7
	Ratio (1 in X)	--	1,441	7,469	--	4,618
20-29	Population	3,089	6,123	23,751	2,695	35,658
	Cases	2	17	9	2	30
	Rate	64.7	277.6	37.9	74.2	84.1
	Ratio (1 in X)	1,544	360	2,639	1,347	1,188
30-39	Population	3,449	6,776	23,971	2,883	37,079
	Cases	8	42	14	2	66
	Rate	232.0	619.8	58.4	69.4	178.0
	Ratio (1 in X)	431	161	1,712	1,441	561
40-49	Population	2,311	7,066	28,928	2,458	40,763
	Cases	6	83	22	8	119
	Rate	259.6	1,174.6	76.1	325.5	291.9
	Ratio (1 in X)	385	85	1,314	307	342
50-59	Population	1,284	6,110	32,616	2,136	42,146
	Cases	4	60	21	5	90
	Rate	311.5	982.0	64.4	234.1	213.5
	Ratio (1 in X)	321	101	1,553	427	468
60+	Population	1,117	6,526	46,988	2,314	56,945
	Cases	1	30	3	3	37
	Rate	89.5	459.7	6.4	129.6	65.0
	Ratio (1 in X)	1,117	217	15,662	771	1,539
TOTAL FEMALES BY RACE/ ETHNICITY	Population	18,335	44,967	198,376	18,883	280,561
	Cases	21	237	71	20	349
	Rate	114.5	527.1	35.8	105.9	124.4
	Ratio (1 in X)	873	189	2,794	944	803

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	39	100.0%	30	76.9%	10	25.6%	79.5%	384
Men who have Sex with Men (MSM)	26	66.7%	21	80.8%	***	***	84.6%	430
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	10	25.6%	8	80.0%	6	60.0%	80.0%	90
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	15		13	86.7%	8	53.3%	93.3%	236
TOTAL	54		43	79.6%	18	33.3%	83.3%	300

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	33	100.0%	26	78.8%	7	21.2%	78.8%	403
Men who have Sex with Men (MSM)	26	78.8%	21	80.8%	***	***	84.6%	430
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	5	15.2%	***	***	***	***	***	***
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	10		9	90.0%	6	60.0%	90.0%	130
TOTAL	43		35	81.4%	13	30.2%	81.4%	300

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	6	100.0%	4	66.7%	3	50.0%	83.3%	70
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	5	83.3%	***	***	***	***	***	***
Other Exposures	***	***	***	***	***	***	***	***
No Reported Exposure	5		4	80.0%	2	40.0%	100.0%	532
TOTAL	11		8	72.7%	5	45.5%	90.9%	305

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	27	100.0%	4.3	40.7%
Men who have Sex with Men (MSM)	16	59.3%	5.3	31.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	7	25.9%	2.3	71.4%
Other Exposures	***	***	***	***
No Reported Exposure	9		2.3	66.7%
TOTAL	36		3.8	47.2%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	21	100.0%	4.4	42.9%
Men who have Sex with Men (MSM)	16	76.2%	5.3	31.3%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	***	***	***	***
No Reported Exposure	6		2.4	66.7%
TOTAL	27		3.9	48.1%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	6	100.0%	4.0	33.3%
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	***	***	***	***
No Reported Exposure	3		2.1	66.7%
TOTAL	9		3.3	44.4%

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	329	100.0%	509	100.0%	838	100.0%
Men who have Sex with Men (MSM)	179	54.4%	206	40.5%	385	45.9%
Injection Drug Users (IDU)	38	11.6%	103	20.2%	141	16.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	2.1%	17	3.3%	24	2.9%
Heterosexual Exposure (HET)	103	31.3%	178	35.0%	281	33.5%
Other Exposures	2	0.6%	5	1.0%	7	0.8%
No Reported Exposure	143		110		253	
TOTAL	472		619		1,091	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	236	100.0%	357	100.0%	593	100.0%
Men who have Sex with Men (MSM)	179	75.8%	206	57.7%	385	64.9%
Injection Drug Users (IDU)	19	8.1%	68	19.0%	87	14.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	3.0%	17	4.8%	24	4.0%
Heterosexual Exposure (HET)	30	12.7%	64	17.9%	94	15.9%
Other Exposures	1	0.4%	2	0.6%	3	0.5%
No Reported Exposure	89		74		163	
TOTAL	325		431		756	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	93	100.0%	152	100.0%	245	100.0%
Injection Drug Users (IDU)	19	20.4%	35	23.0%	54	22.0%
Heterosexual Exposure (HET)	73	78.5%	114	75.0%	187	76.3%
Other Exposures	1	1.1%	3	2.0%	4	1.6%
No Reported Exposure*	54		36		90	
TOTAL	147		188		335	

* Includes 5 HIV cases without AIDS and 8 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	58	100.0%	452	100.0%	271	100.0%
Men who have Sex with Men (MSM)	24	41.4%	158	35.0%	181	66.8%
Injection Drug Users (IDU)	***	***	89	19.7%	39	14.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	13	2.9%	5	1.8%
Heterosexual Exposure (HET)	30	51.7%	189	41.8%	43	15.9%
Other Exposures	1	1.7%	3	0.7%	3	1.1%
No Reported Exposure	21		143		78	
TOTAL	79		595		349	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	40	100.0%	294	100.0%	220	100.0%
Men who have Sex with Men (MSM)	24	60.0%	158	53.7%	181	82.3%
Injection Drug Users (IDU)	***	***	62	21.1%	17	7.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	13	4.4%	5	2.3%
Heterosexual Exposure (HET)	13	32.5%	60	20.4%	15	6.8%
Other Exposures	0	0.0%	1	0.3%	2	0.9%
No Reported Exposure	18		76		60	
TOTAL	58		370		280	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	18	100.0%	158	100.0%	51	100.0%
Injection Drug Users (IDU)	0	0.0%	27	17.1%	22	43.1%
Heterosexual Exposure (HET)	17	94.4%	129	81.6%	28	54.9%
Other Exposures	1	5.6%	2	1.3%	1	2.0%
No Reported Exposure*	3		67		18	
TOTAL	21		225		69	

* Includes 2 Hispanic cases, 10 non-Hispanic black cases, and 1 non-Hispanic white case with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	838	512	61.1%	543	11.9%	14.3%	19.7%	54.1%
Men who have Sex with Men (MSM)	385	228	59.2%	576	8.8%	11.8%	19.7%	59.6%
Injection Drug Users (IDU)	141	91	64.5%	499	15.4%	17.6%	17.6%	49.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	24	13	54.2%	461	15.4%	23.1%	15.4%	46.2%
Heterosexual Exposure (HET)	281	176	62.6%	519	14.2%	14.2%	21.0%	50.6%
Other Exposures	7	4	57.1%	311	0.0%	50.0%	25.0%	25.0%
No Reported Exposure*	253	129	51.0%	493	15.5%	16.3%	20.9%	47.3%
TOTAL	1,091	641	58.8%	527	12.6%	14.7%	20.0%	52.7%

* Includes 13 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	838	448	53.5%	71.0%	13,354
Men who have Sex with Men (MSM)	385	203	52.7%	73.9%	18,887
Injection Drug Users (IDU)	141	76	53.9%	65.8%	918
Men who have Sex with Men and Inject Drugs (MSM/IDU)	24	10	41.7%	60.0%	91,200
Heterosexual Exposure (HET)	281	156	55.5%	70.5%	7,002
Other Exposures	7	3	42.9%	66.7%	7,260
No Reported Exposure*	253	119	47.0%	68.9%	5,136
TOTAL	1,091	567	52.0%	70.5%	11,386

* Includes 13 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

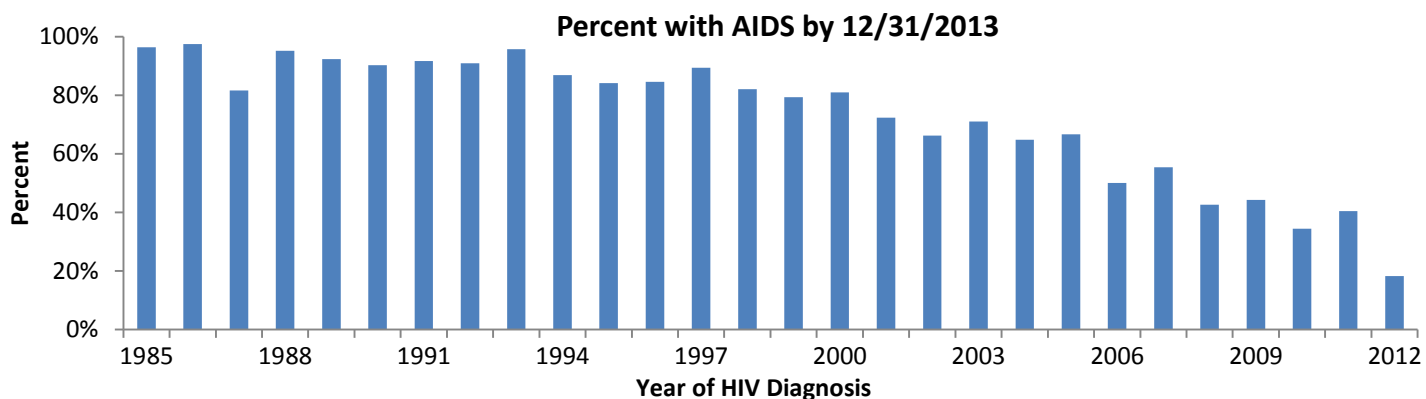
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014

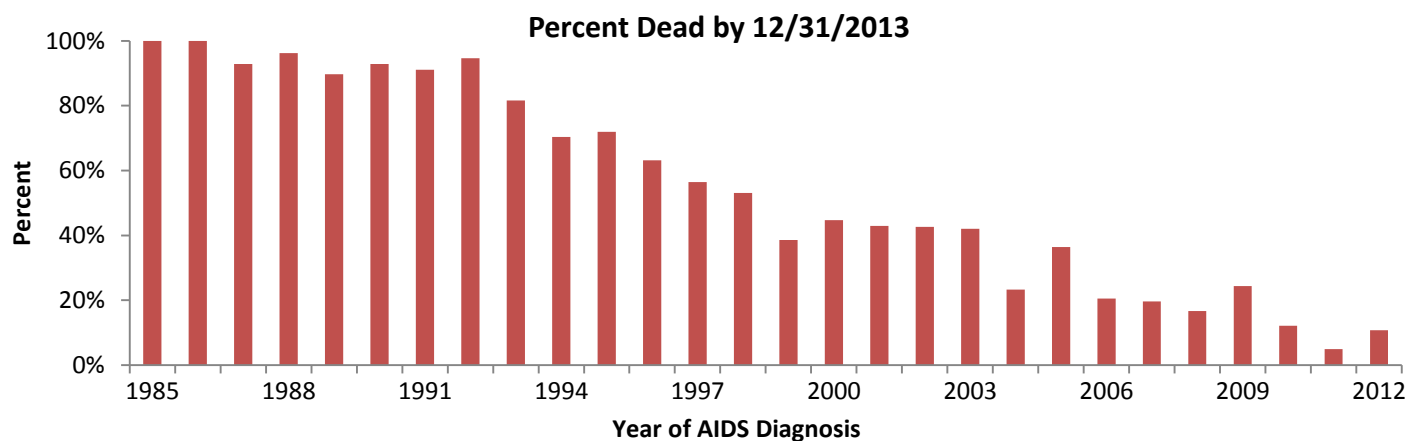
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	12	12	100.0%	6.8	41.7%	41.7%	41.7%	75.0%
1985	28	27	96.4%	5.7	42.9%	42.9%	50.0%	85.7%
1986	40	39	97.5%	3.8	40.0%	40.0%	55.0%	97.5%
1987	49	40	81.6%	4.9	30.6%	34.7%	42.9%	71.4%
1988	62	59	95.2%	4.5	37.1%	41.9%	62.9%	83.9%
1989	66	61	92.4%	3.3	48.5%	54.5%	68.2%	83.3%
1990	72	65	90.3%	3.6	41.7%	47.2%	65.3%	84.7%
1991	72	66	91.7%	2.9	43.1%	52.8%	76.4%	87.5%
1992	77	70	90.9%	2.6	54.5%	61.0%	76.6%	83.1%
1993	69	66	95.7%	2.5	55.1%	59.4%	75.4%	95.7%
1994	61	53	86.9%	2.7	52.5%	62.3%	70.5%	78.7%
1995	63	53	84.1%	1.7	60.3%	66.7%	74.6%	79.4%
1996	65	55	84.6%	1.6	67.7%	72.3%	73.8%	81.5%
1997	47	42	89.4%	1.5	59.6%	68.1%	80.9%	89.4%
1998	67	55	82.1%	1.8	56.7%	59.7%	70.1%	79.1%
1999	58	46	79.3%	2.3	58.6%	58.6%	63.8%	74.1%
2000	58	47	81.0%	1.4	65.5%	67.2%	74.1%	77.6%
2001	65	47	72.3%	1.2	55.4%	61.5%	67.7%	70.8%
2002	68	45	66.2%	1.6	47.1%	51.5%	57.4%	64.7%
2003	69	49	71.0%	1.2	55.1%	59.4%	65.2%	71.0%
2004	71	46	64.8%	1.4	49.3%	50.7%	57.7%	--
2005	60	40	66.7%	1.5	50.0%	53.3%	58.3%	--
2006	70	35	50.0%	0.6	41.4%	41.4%	48.6%	--
2007	83	46	55.4%	1.2	37.3%	39.8%	51.8%	--
2008	94	40	42.6%	0.6	36.2%	39.4%	--	--
2009	70	31	44.3%	0.8	34.3%	38.6%	--	--
2010	64	22	34.4%	0.5	29.7%	29.7%	--	--
2011	57	23	40.4%	0.2	40.4%	40.4%	--	--
2012	44	8	18.2%	0.2	15.9%	--	--	--
TOTAL	1,781	1,288	72.3%	2.3	46.8%	50.8%	59.9%	69.2%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

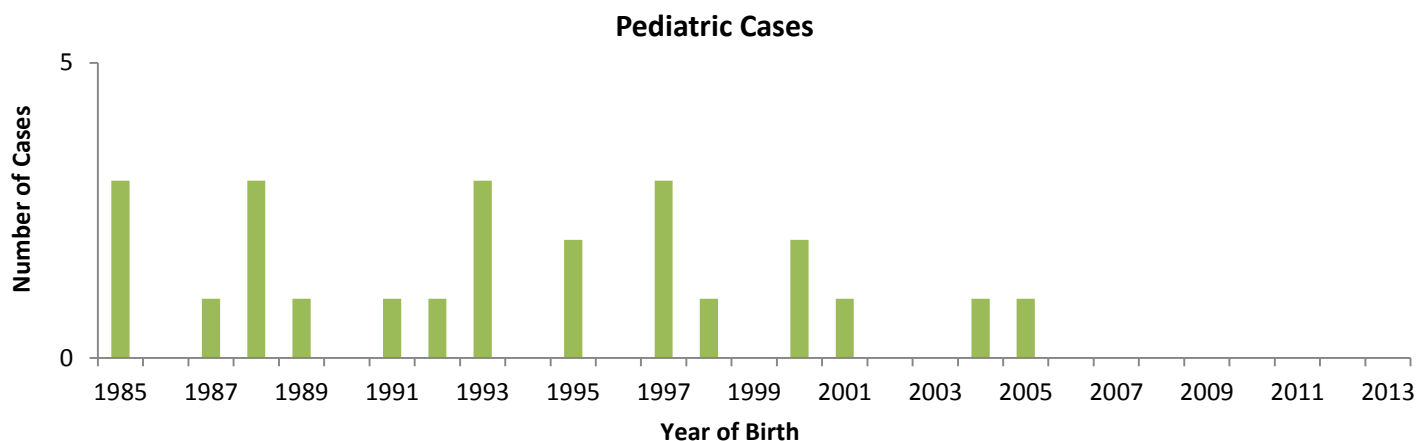


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	5	5	100.0%	0.6	20.0%	20.0%	0.0%	0.0%
1985	12	12	100.0%	2.7	41.7%	16.7%	8.3%	8.3%
1986	15	15	100.0%	3.5	80.0%	53.3%	13.3%	6.7%
1987	14	13	92.9%	1.5	50.0%	21.4%	14.3%	7.1%
1988	26	25	96.2%	2.7	53.8%	38.5%	19.2%	7.7%
1989	29	26	89.7%	2.3	62.1%	48.3%	13.8%	13.8%
1990	42	39	92.9%	2.3	73.8%	42.9%	16.7%	9.5%
1991	45	41	91.1%	3.0	77.8%	55.6%	26.7%	15.6%
1992	57	54	94.7%	2.6	73.7%	47.4%	14.0%	12.3%
1993	76	62	81.6%	2.6	72.4%	50.0%	27.6%	23.7%
1994	54	38	70.4%	4.1	79.6%	64.8%	42.6%	40.7%
1995	64	46	71.9%	3.8	76.6%	62.5%	46.9%	37.5%
1996	57	36	63.2%	4.2	80.7%	70.2%	59.6%	43.9%
1997	39	22	56.4%	6.3	87.2%	82.1%	69.2%	61.5%
1998	49	26	53.1%	6.0	87.8%	85.7%	75.5%	59.2%
1999	44	17	38.6%	5.0	90.9%	84.1%	79.5%	65.9%
2000	47	21	44.7%	5.1	91.5%	87.2%	78.7%	63.8%
2001	49	21	42.9%	3.5	83.7%	75.5%	69.4%	59.2%
2002	47	20	42.6%	3.3	85.1%	78.7%	68.1%	59.6%
2003	50	21	42.0%	2.9	84.0%	78.0%	68.0%	58.0%
2004	60	14	23.3%	2.4	90.0%	90.0%	80.0%	--
2005	44	16	36.4%	3.0	86.4%	81.8%	75.0%	--
2006	44	9	20.5%	1.4	90.9%	86.4%	79.5%	--
2007	46	9	19.6%	2.2	93.5%	89.1%	84.8%	--
2008	54	9	16.7%	1.2	88.9%	88.9%	--	--
2009	45	11	24.4%	1.3	84.4%	82.2%	--	--
2010	33	4	12.1%	0.4	90.9%	87.9%	--	--
2011	41	2	4.9%	1.1	97.6%	97.6%	--	--
2012	28	3	10.7%	0.7	92.9%	--	--	--
TOTAL	1,216	637	52.4%	3.2	82.1%	71.9%	58.6%	52.0%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2013, as Reported by Name through 12/31/2014



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	6	0	0	0	
1985	3	2	1	0	1
1986	0	1	1	1	1
1987	1	2	1	0	3
1988	3	3	1	0	6
1989	1	1	0	0	8
1990	0	3	0	1	10
1991	1	0	1	0	10
1992	1	1	2	0	11
1993	3	4	1	0	16
1994	0	1	2	0	17
1995	2	2	2	2	15
1996	0	1	1	0	15
1997	3	2	2	0	17
1998	1	0	1	0	17
1999	0	1	1	1	17
2000	2	0	0	0	17
2001	1	0	1	0	16
2002	0	0	1	0	17
2003	0	0	0	0	17
2004	1	0	0	0	17
2005	1	0	0	0	17
2006	0	1	1	0	19
2007	0	5	0	0	24
2008	0	0	0	0	25
2009	0	0	1	0	24
2010	0	0	0	0	24
2011	0	0	0	1	24
2012	0	0	0	0	24
2013	0	0	0	0	24
TOTAL	30	30	21	6	

Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by ZIP Code, Reported through 12/31/2014

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
20711	1	4.2%
20724	2	8.3%
21032	1	4.2%
21060	3	12.5%
21061	1	4.2%
21076	1	4.2%
21108	2	8.3%
21113	2	8.3%
21122	4	16.7%
21144	4	16.7%
21401	2	8.3%
21403	1	4.2%
TOTAL	24	100.0%

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	10	41.7%
Female	14	58.3%
TOTAL	24	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	0	0.0%
Non-Hispanic	24	100.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	19	79.2%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	5	20.8%
Multiracial/Other	0	0.0%
TOTAL	24	100.0%

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS Diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location, which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV Diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2013.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2013.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of childbearing age (13-49 years old) on December 31st of the specified year.

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

ZIP Code of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.